

Recording system 2-track 1-channel monaural speaker Approx. 6.6 cm (2 5/8 in) dia Frequency response 150 ~ 6,300 Hz Input Microphone input (minijack) Impedance 100 ohms (100 ohms) Output Earphone jack (minijack) for 300-ohm earphone Power output 300 mW (at 10% harmonic distortion, DC) Power requirements 6 V DC, four size C (R14) batteries DC IN 6V jack accepts supplied AC power adaptor for use on 120 V AC, 50 Hz.

Battery life (hours) Batteries Sony battery SLB-2 (NS) Approx. 4 Sony alkaline battery AM2 (N) Approx. 10 For maximum performance, we recommend the use of alkaline batteries.

Dimensions Approx. 237 x 71 x 154 mm (width) (9 3/8 x 2 7/8 x 6 1/8 in) incl. projecting parts and controls Mass Approx. 990 g (2.2 lb. 34.5 oz.) incl. batteries Supplied accessories AC power adapter (1)

Design and specifications subject to change without notice.

Optional Accessories

Monaural earphone ME-81, ME-L82

Microphone F-VST

Your dealer may not handle some of the above listed optional accessories. Please ask the dealer for detailed information.

Troubleshooting Guide

Should any problem persist after you have made these checks, consult your nearest Sony dealer.

Trouble	Cause/Solution
Cassette cannot be inserted.	<ul style="list-style-type: none"> The cassette is the wrong way round. → See "Inserting a Cassette". ► PLAY is pressed.
Tape does not move.	<ul style="list-style-type: none"> The AC power adaptor is not plugged into a wall outlet (on AC operation). No batteries in the battery compartment (on DC operation). Incorrect polarity of batteries. Weak batteries. ► PAUSE is pressed.
► PLAY cannot be pressed.	The tape is completely wound towards the direction of the arrow on the cassette holder. → Rewind the tape with ►REW/REVERSE.
● REC cannot be pressed.	<ul style="list-style-type: none"> No cassette in the cassette holder. The inserted cassette has the tabs removed. → See "Preventing accidental erasure".
Tape is not erased satisfactorily.	<ul style="list-style-type: none"> Clean the erase head. TYPE II (CrO2) or TYPE IV (metal) tape is used. → Use TYPE I (normal) tapes. The earphone is plugged in. VOL is turned down completely. Weak batteries. Dirty heads. → See "Maintenance".
No sound from the speaker.	
Weak or distorted sound, sound drops out or excessive noise.	

Cassette-Corder



Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

Owner's Record

The model and serial numbers are located on the bottom of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. TCM-919 Serial No. _____

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

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Precautions

- Do not open the casing. Refer servicing to qualified personnel only.
- Operate the unit only on 6 V DC.
- For AC operation, use the AC power adaptor supplied with the unit. Do not use any other AC power adaptor as it may cause a malfunction of the unit. For battery operation, use four size C (R14) batteries.
- The nameplate indicating operating voltage etc. is located on the bottom of the unit.
- Unplug the AC power adaptor from the wall outlet when it is not going to be used for an extended period of time. To disconnect the AC power adaptor, pull it out by grasping the AC power adaptor itself. Never pull it by the cord.
- When the internal batteries are not to be used for a long period of time, remove them to avoid damage caused by battery leakage and subsequent corrosion.
- Do not leave the unit in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock, or in a car with windows closed.
- Should any sand, dust or liquid fall into the unit, remove the batteries or disconnect the AC power adaptor, and have the unit checked by qualified personnel before operating it any further.
- Since a strong magnet is used for the speaker, keep personal credit cards using magnetic coding or spring-wound watches etc. away from the unit to prevent possible damage from the magnet.
- If the unit has not been used for a long period of time, set it in the playback mode to warm it up for a few minutes before inserting a cassette.

Note on cassette longer than 90 minutes
The use of cassette longer than 90 minutes is not recommended except for a long continuous recording or playback. The tapes used for these cassettes are very thin and tends to be stretched easily.

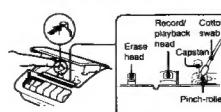
Note on cassette types
For recording, we recommend the use of TYPE I (normal) tapes only. Do not use TYPE II (CrO2) or TYPE IV (metal) tapes.

If you have any questions or problems concerning your unit that are not covered in this manual, please consult your nearest Sony dealer.

Maintenance

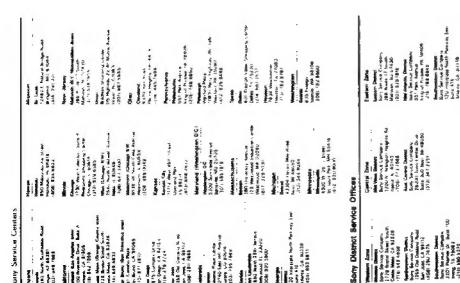
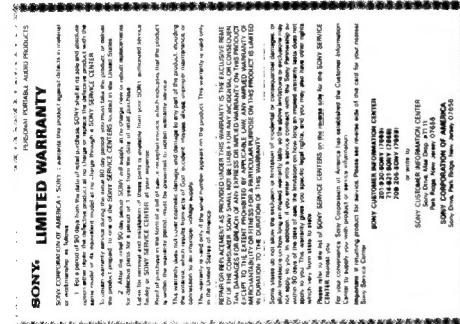
Cleaning the heads

Clean the heads, capstan and pinch-roller after every 10 hours of use to enjoy optimum sound. Moisten a cotton swab or a soft cloth with alcohol and wipe the parts shown in the illustration. Before cleaning, press ● REC while pushing the lever as shown in the illustration. After cleaning, press ■ STOP/EJECT.

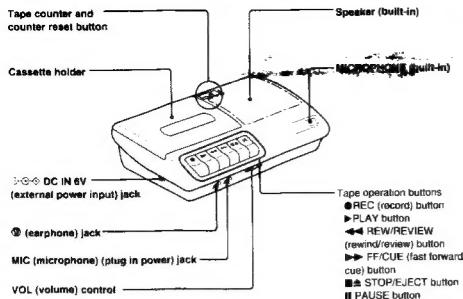


Cleaning the casing

Clean the casing with a soft cloth slightly moistened with water or a mild detergent solution. Do not use alcohol, benzine or thinner as they may mar the finish.

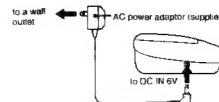


Parts Identification



Power Sources

House Current

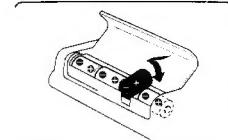


Note on the AC power adaptor
Use only the supplied AC power adaptor. Do not use any other AC power adaptor.



Note
Make sure that the AC power adaptor is disconnected from the unit when you wish to use the unit with the installed batteries.

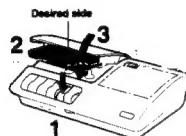
Batteries



Insert four size C (R14) batteries (not supplied) with correct polarity.
Concerning battery life, see "Specifications".

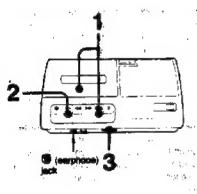
Inserting a Cassette

Take up any slack in the tape before inserting a cassette.



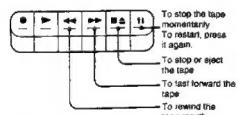
- 1 Press **■△ STOP/EJECT** to open the cassette holder.
- 2 Insert a cassette into the cassette holder with the side to be recorded or played back facing upward.
- 3 Close the cassette holder.

Playback



- 1 Insert a cassette. (See "Inserting a Cassette".)
- 2 Press **▶ PLAY**.
- 3 Adjust the volume with **VOL**.
To stop playback, press **■ STOP/EJECT**.

Other operations



At the end of the tape

All the locked buttons will be automatically released (Full auto shut off mechanism).

Listening with an earphone

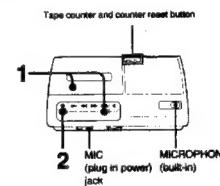
Connect an earphone (not supplied) to the **(earphone) jack** of the unit. The built-in speaker will be automatically disconnected.

During playback

To skip undesired section, keep **▶▶ FF/CUE** pressed.
To go back to a certain section, keep **◀◀ REW/REVIEW** pressed.
When the button is released, playback starts again (Cue/review function).

Recording

Use only TYPE I (normal) tapes for recording.



- 1 Insert a cassette. (See "Inserting a Cassette".)
- 2 Press **● REC**. **▶ PLAY** is automatically pressed down as well.

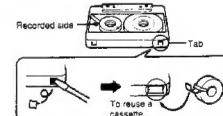
To stop recording, press **■ STOP/EJECT**.

Recording with an external microphone

Connect an external microphone (not supplied) to the **MIC** jack of the unit. The built-in microphone is automatically disconnected. When a plug in power type microphone is connected, power will be supplied to the microphone from the unit.

Preventing accidental erasure

Break off the tab corresponding to the recorded side. Any recording on that side will be protected.



For indexing the tape contents

Use the tape counter. Before recording, press the counter reset button to set the tape counter to "000". The figure on the tape counter increases during playback, recording and fast-forwarding, and decreases during rewinding.